

# THE CONDOR

JOURNAL OF THE COOPER ORNITHOLOGICAL SOCIETY

VOLUME 71



RALPH J. RAITT, *Editor*

JEAN P. THOMPSON, *Assistant Editor*

SUZANNE JAMISON, *Editorial Assistant*

LAS CRUCES, NEW MEXICO

1969 .

## CONTENTS, VOLUME 71, 1969

### NUMBER 1 (January)

The Vocal Behavior of Cardinals and Pyrrhuloxias in Texas ....	<i>Robert E. Lemon and Andrew Herzog</i>	1
The Behavior and Reproductive Success of the Blue-gray Gnatcatcher .....	<i>Richard Root</i>	16
Temperature Regulation in Nestling Cactus Wrens: The Nest Environment		
<i>Robert E. Ricklefs and F. Reed Hainsworth</i>	32	
Breeding Birds of Two Florida Woodlands: Comparisons with Areas North of Florida		
<i>Siever A. Rohwer and Glen E. Woolfenden</i>	38	
Responses to Temperature by the Spotted Nightjar ( <i>Eurostopodus guttatus</i> )		
<i>William R. Dawson and Charles D. Fisher</i>	49	
Cecal Fermentation in the Willow Ptarmigan .....	<i>Richard H. McBee and George C. West</i>	54
Incubation Temperatures and Thermoregulation in the McCormick Skua .....	<i>Ian F. Spellerberg</i>	59
<b>SHORT COMMUNICATIONS</b>		
A New Avian Fossil from Kern County, California .....	<i>Hildegard Howard</i>	68
Rediscovery of the Nesting Grounds of Newell's Manx Shearwater ( <i>Puffinus puffinus newelli</i> ), with Initial Observations .....	<i>John L. Sincock and Gerald E. Swedberg</i>	69
Fowl Pox in Cassin's Sparrow, <i>Aimophila cassinii</i> .....	<i>Howard Savage and James A. Dick</i>	71
Allopreening in the Dove <i>Geotrygon montana</i> .....	<i>Alan Lill</i>	72
Additional Notes on the White Pelican Colony at Stum Lake, British Columbia		
<i>R. Wayne Campbell and D. Lorne Frost</i>	73	
A Case of Great Horned Owl Predation on a Porcupine .....	<i>James W. Wiley</i>	73
Breeding Behavior of the Andean Condor ( <i>Vultur gryphus</i> )		
<i>Martha A. Whitson and Paul D. Whitson</i>	73	
New and Additional Records of Some Passerine Birds in Southern Nevada		
<i>George T. Austin</i>	75	
Avian Remains from the Kangigukuk Site, Northern Alaska .....	<i>Edwin S. Hall, Jr.</i>	76
An Albinistic Adelie Penguin .....	<i>Ian Stirling</i>	78
Salinity Tolerance and Discrimination in House Sparrows ( <i>Passer domesticus</i> )		
<i>Michael E. Minock</i>	79	
The Canvasback, Common Goldeneye, and Bufflehead in Arctic Alaska .....	<i>John M. Campbell</i>	80
Subspecific Status of <i>Branta canadensis</i> in the Central Brooks Range, Alaska		
<i>John M. Campbell</i>	80	
Incubation and Nestling Periods of the Horned Puffin .....	<i>Spencer G. Sealy</i>	81
A Canada Goose from the Middle Pleistocene of Nebraska		
<i>James Tate, Jr., and Larry D. Martin</i>	81	
<b>NEWS AND NOTES</b>		
NEWS AND NOTES .....		82
THE BULLETIN BOARD .....		84

### NUMBER 2 (April)—Alden H. Miller Memorial Issue

Photograph of Alden H. Miller .....		Frontispiece
Dedication of the Miller Memorial Issue .....		87
Relationships of the Avifauna of San Estéban Island, Sonora .....	<i>Richard C. Banks</i>	88
Patterns of Singing in a Population of the Plain Titmouse .....	<i>Keith L. Dixon</i>	94
Eggs and Egg-laying in the Laysan Albatross, <i>Diomedea immutabilis</i> .....	<i>Harvey I. Fisher</i>	102
Experiments on Nesting Behavior of the Red-tailed Tropicbird, <i>Phaethon rubricauda</i>		
<i>Thomas R. Howell and George A. Bartholomew</i>	113	
The Thrushes of Grand Cayman Island, B.W.I. .....	<i>David W. Johnston</i>	120
Taxonomy of House Sparrows and Their Allies in the Mediterranean Basin		
<i>Richard F. Johnston</i>	129	
Overlap of Breeding and Molting Schedules in a Collection of African Birds .....	<i>Robert B. Payne</i>	140
The Migration of the White Stork in Egypt and Adjacent Areas		
<i>Charles A. Reed and Thomas E. Lovejoy</i>	146	
The Relationships of the Flamingos as Indicated by the Egg-white Proteins and Hemoglobins		
<i>Charles G. Sibley, Kendall W. Corbin, and Joan H. Haavie</i>	155	
The Behavior of the Horned Grebe in Spring .....	<i>Robert W. Storer</i>	180

Relation of Wing and Tail Color of the Woodpeckers <i>Colaptes auratus</i> and <i>C. cafer</i> to Their Food	Frederick H. Test	206
Breeding and Molting Periods in a Costa Rican Population of the Andean Sparrow	Larry L. Wolf	212
NEWS AND NOTES		220
THE BULLETIN BOARD		220

NUMBER 3 (July)

Convergent Characteristics in Sympatric Species: A Possible Relation to Interspecific Competition and Aggression	Martin L. Cody	223
Birds and the Ant $\times$ Acacia Interaction in Central America, with Notes on Birds and Other Myrmecophytes	Daniel H. Janzen	240
Vocalizations of the Rufous-sided Towhee, <i>Pipilo erythrophthalmus oregonus</i>	Joan Beltz Roberts	257
Seasonal Cycle of Reproductive Physiology in the Black-billed Magpie	Michael J. Erpino	267
Food Habits of Canvasbacks, Redheads, and Lesser Scaup in Manitoba	James C. Bartonek and Joseph J. Hickey	280
Respiratory Metabolism of the Red-winged Blackbird in Relation to Ambient Temperature	R. W. Lewies and M. I. Dyer	291
The Song of the Chingolo, <i>Zonotrichia capensis</i> , in Argentina: Description and Evaluation of a System of Dialects	Fernando Nottebohm	299
Ecological Aspects of Migration, and Pre-migratory Fat Deposition in the Lesser Redpoll, <i>Carduelis flammea cabaret</i>	P. R. Evans	316
SHORT COMMUNICATIONS		
Recent Bird Records from the Virgin River Valley of Utah, Arizona, and Nevada	Roland H. Wauer	331
Calculation and Miscalculation of Equations Relating Avian Standard Metabolism to Body Weight	Robert C. Lasiewski and William R. Dawson	335
NEWS AND NOTES		337
THE BULLETIN BOARD		340

NUMBER 4 (October)

Temperature Regulation and Respiration in the Ostrich		
Knut Schmidt-Nielsen, John Kanwisher, Robert C. Lasiewski, Jerome E. Cohn, and	William L. Bretz	341
Relationships Among Three Species of Jays Wintering in Southeastern Arizona	Peter W. Westcott	353
A Taxonomic Revision of the New World Jays	John William Hardy	360
Postjuvenile and Postjuvenile Molt in White-crowned Sparrows in Central Alaska	Martin L. Morton, James R. King, and Donald S. Farner	376
The Nesting of the Crested, Least, and Parakeet Auklets on St. Lawrence Island, Alaska	Jean Bédard	386
Foliation Use by Birds of the Oak-Juniper Woodland and Ponderosa Pine Forest in Southeastern Arizona	Russell P. Balda	399
Genetic and Population Studies of Transferrin Polymorphism in Ring-necked Pheasants	Paul A. Vohs and Larry R. Carr	413
Orientation Behavior of Ring-billed Gull Chicks and Fledglings	William E. Southern	418
SHORT COMMUNICATIONS		
Notes on Costa Rican Birds	Gordon H. Orians and Dennis R. Paulson	426
On the Nature of "Cotingin"	Alan H. Brush	431
Some Additional Records of Birds in California	Donald D. McLean	433
Occurrence and Nesting of Wilson's Phalaropes at Vancouver, British Columbia	R. Wayne Campbell	434
The Taxonomic Position of the Hornbill <i>Rhyticeros plicatus subruficollis</i> (Blyth) as Indicated by the Mallophaga	Robert E. Elbel	434

Extension of Zone of Sympatry of <i>Quiscalus mexicanus</i> and <i>Q. major</i> Robert K. Selander, Suh Y. Yang, and Gilbert Cantu	435
The Numerical Response of Woodpeckers to Insect Prey in a Subalpine Forest in Colorado James R. Koplin	436
Observations of the Nuthatch-like White-throated Treerunner ( <i>Pygarrhichas albogularis</i> ) in Argentina ..... Lester L. Short, Jr.	438
Bird Records from Nevada ..... Richard C. Banks and Donald E. Lewis	439
NEWS AND NOTES ..... 442	
THE BULLETIN BOARD ..... 443	
INDEX TO VOLUME 71 ..... 444	

